MASTER OF SCIENCE IN HEALTH SCIENCES IN THE FIELD OF CLINICAL MICROBIOLOGY

This online program provides students with clinical microbiology and laboratory science coursework as well as a hands-on microbiology practicum that will prepare students for a diagnostic microbiology laboratory position and provides eligibility for national certification examinations in clinical microbiology. The program also includes additional graduate coursework to prepare students for careers in research institutions, public health laboratories, biotechnology firms, pharmaceutical companies or governmental agencies.

Visit the program website (https://smhs.gwu.edu/medical-laboratory-sciences/programs/mshs/curriculum/clinical-microbiology/) for additional program information.

ADMISSIONS

Admissions Deadlines:
- Fall - June 15
- Spring - October 15
- Summer - March 1

The application and all supporting documentation (fees, statement of purpose, letters of recommendation, transcripts) must be received by the deadline in order for the application to be reviewed.

Standardized Test Scores:
- Not required

Recommendations required:
- Two (2) recommendations prior to the admission deadline

Prior Academic Records:
- Transcripts required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Transcripts must be forwarded in their original sealed envelopes.

If academic records are in a language other than English, a certified English language translation must be provided in addition to the original transcripts; translations alone will not be accepted.

Official transcripts from institutions outside the U.S. must be accompanied by an official transcript evaluation from an accredited independent evaluating agency. Please be sure you request a detailed evaluation that includes all course titles, credit hours, grades, U.S. degree equivalency, grade-point averages (GPA), and date of degree conferral. For a list of acceptable foreign credential evaluation services, please follow this link: https://www.naces.org/members.htm.

Statement of Purpose:
In an essay of 250 to 500 words, describe your reasons for undertaking study in the Health Sciences at the George Washington University. You should state your academic objectives, career plans, and related qualifications, including collegiate, professional, and community activities, as well as any other substantial accomplishments not already mentioned on the application form.

Degree and GPA Requirements:
- Prerequisite courses: chemistry – 16 credits (including biochemistry or organic), biology – 16 credits (including microbiology), and college algebra or higher – 3 credits.

International Applicants:
- Please follow this link - https://graduate.admissions.gwu.edu/international-student-application-requirements - to review the International Applicant Information carefully for details on required documents and English language requirements.

Please note that the Health Sciences programs require the following minimum English language test scores for admission:
- Academic IELTS: an overall band score of 7.0 with no individual band score below 6.0; or
- TOEFL: 600 on paper-based, 250 on computer-based, or 100 on Internet-based; or
- Academic PTE: 68

Supporting Documents not Submitted Online should be Mailed to:
Office of Admissions
Health Sciences Programs
The George Washington University
2600 Virginia Avenue
Suite 104
Washington, DC 20037

Contact for Questions:
hsphora@gwu.edu ~ 202-994-0384 (phone) ~ 202-994-0870 (fax)
9:00am - 5:00pm, Monday through Friday

REQUIREMENTS

The following requirements must be fulfilled: 36 credits in required courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HSCI 6263</td>
<td>Biostatistics Translational Research</td>
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<tr>
<td>MLS 6116</td>
<td>Advanced Clinical Bacteriology I</td>
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<tr>
<td>MLS 6117</td>
<td>Advanced Clinical Bacteriology II</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>MLS 6119</td>
<td>Advanced Parasitology, Mycology, and Virology</td>
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<tr>
<td>MLS 6141</td>
<td>Advanced Immunology and Serology</td>
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<tr>
<td>MLS 6151</td>
<td>Advanced Molecular Diagnostics</td>
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<tr>
<td>MLS 6158</td>
<td>Advanced Laboratory Management and Operations</td>
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<tr>
<td>MLS 6216</td>
<td>Microbial Pathogenesis</td>
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<tr>
<td>MLS 6217</td>
<td>Medical Biotechnology</td>
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<tr>
<td>MLS 6244</td>
<td>Research Ethics and Integrity</td>
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<tr>
<td>MLS 6251</td>
<td>Advanced Clinical Microbiology Practicum</td>
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**Electives**

6 credits in HSCI or MLS courses selected in consultation with the advisor.